

**Table 5-3.** National Summary of Ambient HAP Concentration Trends in Rural Areas, 1994–1999

Pollutant Name	Number of Rural Trend Sites by HAP					
	Total	Significant* UP Trend	Non-Significant UP Trend	No Trend	Non-Significant DOWN Trend	Significant* DOWN Trend
Benzene	6				6	
1,3-Butadiene	4		1		2	1
Carbon tetrachloride	2		2			
Chloroform	4		1		2	1
1,2-Dichloropropane	3			2	1	
Ethylene dichloride	3				2	1
Methylene chloride	4		1		3	
1,1,2,2-Tetrachloroethane	1				1	
Perchloroethylene	5		1		1	3
Trichloroethylene	5			1	3	1
Vinyl chloride	4		1	2	1	
Arsenic (coarse)	2		1	1		
Arsenic (fine)	59	2	18	1	36	2
Arsenic (PM <sub>10</sub> )	6		1	3	1	1
Arsenic (TSP)	5			1	2	2
Beryllium (PM <sub>10</sub> )	2		1	1		
Beryllium (TSP)	3			3		
Cadmium (PM <sub>10</sub> )	2			1	1	
Cadmium (TSP)	7			4	1	2
Chromium (coarse)	2		1		1	
Chromium (fine) *	59	32	22	1	4	
Chromium (PM <sub>10</sub> )	6	1	2		3	
Chromium (TSP)	8		3	1	4	
Chromium VI	1				1	
Lead (coarse)	2			1	1	
Lead (fine)	59	3	32		20	4
Lead (PM <sub>10</sub> )	8	1	2	2	2	1
Lead (TSP)	33		5		16	12
Manganese (coarse)	2		1		1	
Manganese (fine)	59	3	22		32	2
Manganese (PM <sub>10</sub> )	6		2		3	1
Manganese (TSP)	7		2		5	
Mercury (fine)	2			1	1	
Mercury (PM <sub>10</sub> )	4		2	1	1	
Mercury (TSP)	1		1			
Nickel (coarse)	2		1		1	
Nickel (fine)	59		12	1	32	14
Nickel (PM <sub>10</sub> )	6		1	1	3	1
Nickel (TSP)	8			1	6	1
Acetaldehyde	3		2		1	
Formaldehyde	4		1		3	
Acrolein	1				1	
Styrene	6		2		3	1
Toluene	7		3		3	1

\*Statistically significant at the 10-percent level (See Appendix B: Methodology, Air Toxics Methodology section).

\*\* The apparent up trends in fine chromium concentrations may be an artifact of the detection limits for these measurements.